

IN THE CLAIMS:

1. (Currently Amended) An isolated polypeptide consisting of ~~an N-terminus fragment of human cardiac troponin I with at least 95 amino acids of SEQ ID NO:2 and a length of 115 amino acids~~ SEQ ID NO:2.

2. (Canceled)

3. (Canceled)

4. (Withdrawn) The polynucleotide sequence of a troponin I fragment as set forth in SEQ ID NO:2.

5. (Withdrawn) A replicable cloning or expression vehicle comprising a polynucleotide sequence coding for the polypeptide set forth in SEQ ID NO:2.

6. (Withdrawn) A host cell transformed with the vehicle of claim 5.

7. (Withdrawn) The host cell of claim 6 which is an *E. coli* host cell.

8. (Withdrawn) The *E. coli* cell of claim 7 having the ATCC number 98824.

9. (Canceled)

10. (Withdrawn) A method of preparing antibodies that recognize a stable, in-vivo-occurring fragment of troponin I by using a troponin I fragment of claim 1 as an immunogen.

11. (Withdrawn) A method of purifying anti-troponin I antibodies that recognized a stable, in-vivo-occurring fragment of troponin I by using the troponin I fragment of claim 1 as a reagent

for affinity purification.

12. (Withdrawn) Calibrators and controls for a troponin I immunoassay comprising a polypeptide of claim 1.

13. (Withdrawn) The calibrators and controls of claim 12 as shown in SEQ ID NO:2.

14. (Withdrawn) A method for the immunodetection of human cardiac troponin I in a bodily fluid utilizing an antibody which is raised against the polypeptide of claim 1.

15. (Withdrawn) A kit for the immunodetection of human cardiac troponin I in a sample of bodily fluid comprising:

- (a) an antibody which is raised against the polypeptide of claim 1;
- (b) means for determining the extent of interaction of said antibody with troponin I in said sample.

16. (Canceled)